

PSI PRESSURE SENSOR VOLTAGE REFERENCE — 15 to 150 PSI

15 PSI		25 PSI		50 PSI	
Voltage (V)	PSI	Voltage (V)	PSI	Voltage (V)	PSI
0.50	0.0	0.50	0.0	0.50	0.0
0.77	1.0	0.77	1.7	0.77	3.3
1.03	2.0	1.03	3.3	1.03	6.7
1.30	3.0	1.30	5.0	1.30	10.0
1.57	4.0	1.57	6.7	1.57	13.3
1.83	5.0	1.83	8.3	1.83	16.7
2.10	6.0	2.10	10.0	2.10	20.0
2.37	7.0	2.37	11.7	2.37	23.3
2.63	8.0	2.63	13.3	2.63	26.7
2.90	9.0	2.90	15.0	2.90	30.0
3.17	10.0	3.17	16.7	3.17	33.3
3.43	11.0	3.43	18.3	3.43	36.7
3.70	12.0	3.70	20.0	3.70	40.0
3.97	13.0	3.97	21.7	3.97	43.3
4.23	14.0	4.23	23.3	4.23	46.7
4.50	15.0	4.50	25.0	4.50	50.0

75 PSI		100 PSI		150 PSI	
Voltage (V)	PSI	Voltage (V)	PSI	Voltage (V)	PSI
0.50	0.0	0.50	0.0	0.50	0.0
0.77	5.0	0.77	6.7	0.77	10.0
1.03	10.0	1.03	13.3	1.03	20.0
1.30	15.0	1.30	20.0	1.30	30.0
1.57	20.0	1.57	26.7	1.57	40.0
1.83	25.0	1.83	33.3	1.83	50.0
2.10	30.0	2.10	40.0	2.10	60.0
2.37	35.0	2.37	46.7	2.37	70.0
2.63	40.0	2.63	53.3	2.63	80.0
2.90	45.0	2.90	60.0	2.90	90.0
3.17	50.0	3.17	66.7	3.17	100.0
3.43	55.0	3.43	73.3	3.43	110.0
3.70	60.0	3.70	80.0	3.70	120.0
3.97	65.0	3.97	86.7	3.97	130.0
4.23	70.0	4.23	93.3	4.23	140.0
4.50	75.0	4.50	100.0	4.50	150.0

HIGH PRESSURE SENSOR VOLTAGE REFERENCE — 200 to 5000 PSI

200 PSI		300 PSI		500 PSI	
Voltage (V)	PSI	Voltage (V)	PSI	Voltage (V)	PSI
0.50	0.0	0.50	0.0	0.50	0.0
0.77	13.0	0.77	20.0	0.77	33.0
1.03	27.0	1.03	40.0	1.03	67.0
1.30	40.0	1.30	60.0	1.30	100.0
1.57	53.0	1.57	80.0	1.57	133.0
1.83	67.0	1.83	100.0	1.83	167.0
2.10	80.0	2.10	120.0	2.10	200.0
2.37	93.0	2.37	140.0	2.37	233.0
2.63	107.0	2.63	160.0	2.63	267.0
2.90	120.0	2.90	180.0	2.90	300.0
3.17	133.0	3.17	200.0	3.17	333.0
3.43	147.0	3.43	220.0	3.43	367.0
3.70	160.0	3.70	240.0	3.70	400.0
3.97	173.0	3.97	260.0	3.97	433.0
4.23	187.0	4.23	280.0	4.23	467.0
4.50	200.0	4.50	300.0	4.50	500.0

1600 PSI		3000 PSI		5000 PSI	
Voltage (V)	PSI	Voltage (V)	PSI	Voltage (V)	PSI
0.50	0.0	0.50	0.0	0.50	0.0
0.77	107.0	0.77	200.0	0.77	333.0
1.03	213.0	1.03	400.0	1.03	677.0
1.30	320.0	1.30	600.0	1.30	1000.0
1.57	427.0	1.57	800.0	1.57	1333.0
1.83	533.0	1.83	1000.0	1.83	1667.0
2.10	640.0	2.10	1200.0	2.10	2000.0
2.37	747.0	2.37	1400.0	2.37	2333.0
2.63	853.0	2.63	1600.0	2.63	2667.0
2.90	960.0	2.90	1800.0	2.90	3000.0
3.17	1067.0	3.17	2000.0	3.17	3333.0
3.43	1173.0	3.43	2200.0	3.43	3667.0
3.70	1280.0	3.70	2400.0	3.70	4000.0
3.97	1387.0	3.97	2600.0	3.97	4333.0
4.23	1493.0	4.23	2800.0	4.23	4667.0
4.50	1600.0	4.50	3000.0	4.50	5000.0

Red = 5V

Black = Sensor Ground from ECU or Data Logger. (NOT Chassis Ground!)

Yellow = Sensor Signal

View Looking into FRONT of Connector.

